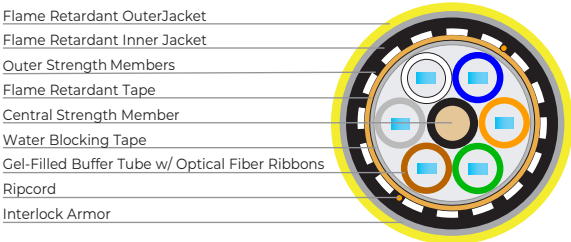
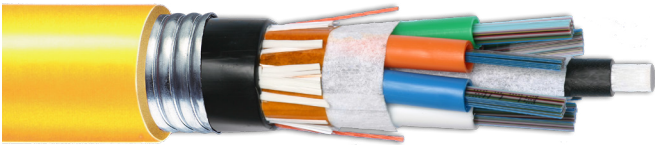
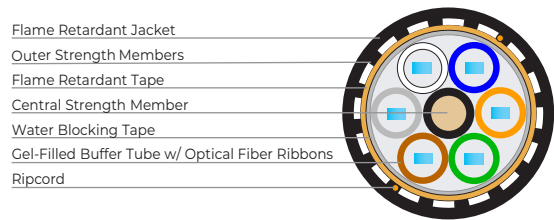
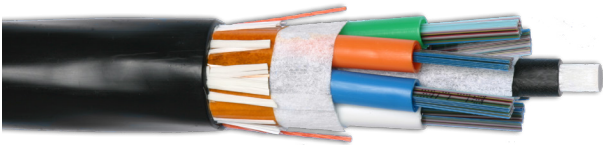


# GenSPEED® MassLink™ Indoor/Outdoor Ribbon

Multi-Tube Ribbon Cable for Transitional Aerial and Duct Applications



## FEATURES AND BENEFITS

### Indoor/Outdoor Design

- Saves space and time by eliminating splices at the cable vaults
- Can be installed using typical loose tube cable methods and hardware

### Flame Retardant Construction

- Riser design complies with UL 1666 and is OFNR and OFN-FT4 rated
- LSZH design complies with UL 1685 and is OFN-LS and OFN-ST1 rated

### Compact Design

- Efficient packaging of higher fiber counts
- Lightweight and easy to handle during installation

### Easily Removable Ribbon Matrix

- Allows for ease of stripping and fiber breakout
- Improves mid-span strippability

### Precision Ribbon Geometry

- Time and labor savings during fiber splicing

### Flexible Buffer Tubes

- Increased flexibility and kink resistance
- Facilitates route management in closures
- Eliminates need for closure transportation tubing

### Multiple Buffer Tubes Stranded In Reverse Oscillated Lay

- Facilitates mid-span access of fibers
- Simplifies handling and management of ribbons
- Individual fibers/ribbons can be accessed more quickly and safely

### Registered Supplier

- ISO 9001, ISO 14001, TL 9000, and OHSAS 18001

## PERFORMANCE SPECIFICATIONS

Bend Radius			
Dynamic	20 x Cable OD		
Static	10 x Cable OD		
Tensile Rating		N	lbf
Installation	2,700		600
Residual	800		180
Crush Resistance		N/cm	lbf/in
Short/ long Term	220/110		125/63
Temperature Ratings		°C	°F
Operation	-40 to +70		-40 to +158
Installation	-30 to +60		-22 to +140
Storage/Shipping	-40 to +75		-40 to +167



# GenSPEED® MassLink™ Indoor/Outdoor Ribbon



Multi-Tube Ribbon Cable for Transitional Aerial and Duct Applications

Fiber Count Range	Recommended Fiber Count	Recommended Prysmian** Part Number	12f Ribbons/ Tube	Tube Positions	Buffer Tube OD		Cable OD		Approx. Cable Weight		Max. Reel Length		
					Inches	mm	Inches	mm	lb/kft	kg/km	feet	meters	
GensPEED® MassLink Indoor/Outdoor (Riser)													
288 – 432	432	RRLTK-12-AA-432-BB	4-6	6	0.24	6.2	0.89	22.6	272	405	19,244	5,867	
GensPEED® MassLink Indoor/Outdoor Interlock Armor(Riser)													
288 – 432	432	RRLTKAJ-12-AA-432-BB	4-6	6	0.24	6.2	1.24	31.5	603	897	11,155	3,400	
GensPEED® LSZH MassLink Indoor/Outdoor (OFN-ST1)													
288 – 432	432	RZLTK-12-AA-432-BB	4-6	6	0.24	6.2	0.89	22.6	278	415	19,244	5,867	
GensPEED® MassLink Indoor/Outdoor Interlock Armor(OFN-ST1)													
288 – 432	432	RZLTKAJ-12-AA-432-BB	4-6	6	0.24	6.2	1.24	31.5	600	894	11,155	3,400	

\*\*Where AA equals glass type and BB equals attenuation code

## Ordering Guide

The Prysmian part number incorporates several significant attributes involving cable design and optical performance. The appropriate part number can be configured using the process described below

**Example:** Riser Rated, 432 count, GenSPEED®MassLink™ Indoor/Outdoor Cable with G.652.D LWP Single-Mode Fiber and 0.40/0.40/0.30 attenuation (printed in feet)

1 LENGTH MARKINGS	2 PRODUCT FAMILY	3 FIBER GROUPING	4 FIBER TYPE	5 FIBER COUNT	6 FIBER GRADE
F	RRLTK	12	HB	432	E1

PART NUMBER CONSTRUCTION	
<b>1 LENGTH MARKINGS</b>	F = Feet or M = Meters
<b>2 PRODUCT FAMILY &amp; CONSTRUCTION</b>	RRLTK = GenSPEED® MassLink™ Indoor/Outdoor (Riser) RRLTKAJ = GenSPEED® MassLink™ Indoor/Outdoor Interlock Armor (Riser) RZLTK = GenSPEED® LSZH MassLink™ Indoor/Outdoor (OFN-ST1) RZLTKAJ = GenSPEED® LSZH MassLink™ Indoor/Outdoor Interlock Armor (OFN-ST1)
<b>3 FIBER GROUPING</b>	12 = 12f Ribbons

Note: Please refer to the Fiber Code Addendum for additional fiber options, or contact us for help.

Multimode fibers are only available in riser rated cables only

FIBER INFORMATION				
4 FIBER TYPE				
SINGLE-MODE				
HB = Single-Mode (ITU G.652 C & D) Low Water Peak				
ES = Enhanced Single-Mode (ITU G.652 C & D)				
B1 = Bend-Insensitive Single-Mode (ITU G.657.A1 & G.652.D)				
BB = BendBright™ Single-Mode (ITU G.657.A1 & G.652.D)				
BX = BendBrightXS™ Single-Mode (ITU G.657.A2 & .B2, & G.652.D)				
RISER RATED CABLES ONLY	Wavelength (nm)	Bandwidth (MHz)	1 GbE Dist (m)	10 GbE Dist (m)
MULTIMODE				
G6 = OM1 (62.5µm)	850/1300	200/500	300/550	33/___
G5 = OM2+ B1F (50µm)	850/1300	700/500	800	150/___
G3 = OM3 B1F (50µm)	850/1300	1500/500	1000	300/___
G4 = OM4 B1F (50µm)	850/1300	3500/500	1100	550/___
5 FIBER COUNT				
288 to 432 fibers				
6 FIBER GRADE				
SINGLE-MODE				
Attenuation (dB/km)	Wavelength (nm)	Fiber Type		
E1 = 0.40/0.40/0.30	1310/1383/1550	HB, ES, B1, BB, or BX		
E3 = 0.35/0.35/0.25	1310/1383/1550	HB, ES, B1, BB, or BX		
MULTIMODE				
Attenuation (dB/km)	Wavelength (nm)			
M2 = 3.5/1.0	850/1300			
M3 = 3.0/1.0	850/1300			



**Prysmian**

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